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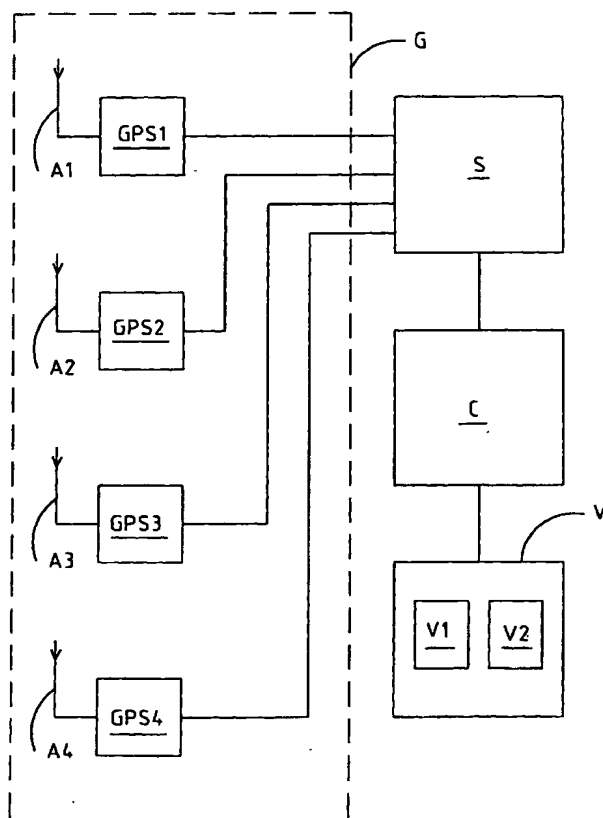
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[Continued on next page]

(54) Title: **AIRCRAFT GPS INSTRUMENTATION SYSTEM AND RELATIVE METHOD**



(57) Abstract: The present invention refers to an instrumentation system of an aircraft by means of GPS (Global Positioning System). In particular, it refers to a modular instrumentation system for aircraft, preferably airplanes, based on the GPS, and to the relative method. In one embodiment the modular instrumentation system for aircraft comprises: four antennas (A1-A4) connected to four GPS receivers (GPS1-GPS4) that supply in output the attitude data and the angular velocities; a data acquisition card (S, C) that receives, memorizes and processes said attitude data and said angular velocities coming from said data acquisition card (S, C) and supplies data relating to the board instruments of an aircraft; visualization means (V) of said data relating to the board instruments.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designation US*
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GRAAS VAN F ET AL: "GPS INTERFEROMETRIC ATTITUDE AND HEADING DETERMINATION: INITIAL FLIGHT TEST RESULTS" NAVIGATION, INSTITUTE OF NAVIGATION, WASHINGTON, DC, US, vol. 38, no. 4, 1 December 1991 (1991-12-01), pages 297-316, XP000195769 ISSN: 0028-1522 abstract page 304, last paragraph -page 307, paragraph 4	1-5, 10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *G* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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